

JPW

Confirmation No.: 7100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Yuriy Zakharov et al.	Examiner:	Not yet assigned
Serial No.:	10/685,983	Group Art Unit:	2124
Filed:	October 15, 2003	Docket:	G&C 184.2-US-11
Title:	EQUATION SOLVING		

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 4, 2005.

By: 
Name: William J. Wood

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- ☒ Information Disclosure Statement and Form PTO-1449.
- ☒ Cited Reference(s).
- ☒ Copy of International Search Report.
- ☒ Return postcard.


Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462

GATES & COOPER LLP

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By: 
Name: William J. Wood
Reg. No.: 42,236
WJW/sjm

(PTO TRANSMITTAL - GENERAL)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Yuriy Zakharov et al.	Examiner:	Not yet assigned
Serial No.:	10/685,983	Group Art Unit:	2124
Filed:	October 15, 2003	Docket:	G&C 184.2-US-I1
Title:	EQUATION SOLVING		

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Name: William J. Wood

INFORMATION DISCLOSURE STATEMENT(37 C.F.R. §1.97(b))

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each foreign patent document and each non-patent document listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art". Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

Respectfully submitted,

GATES & COOPER LLP
Attorneys for Applicant(s)

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045
(310) 641-8797

Date: March 4, 2005

WJW/sjm

By: 

William J. Wood

Reg. No.: 42,236

Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Docket Number: G&C 184.2-US-I1	Application Number: 10/685,983
	Applicants: Yuriy Zakharov et al.	
	Filing Date: October 15, 2003	Group Art Unit: 2124

U.S. PATENT DOCUMENTS (COPY NOT PROVIDED)						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,062,102 A	10/29/91	Taguchi			
FOREIGN PATENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) (COPIES PROVIDED)						
		Bjorck, A., 1996, "Numerical Methods for Least Squares Problems," Siam, Philadelphia, XP002299484, page 269, line 1 – page 270, line 3, page 277, line 16 – page 278, line 14				
		He Guiqing et al., Dec. 5, 1996, "Decorrelator-based neighbour-searching multiuser detector in CDMA systems," Electronics Letters, XP006006080, 32(25):2307-2308				
		Luenberger, D.G., 1973, "Introduction to Linear and Nonlinear Programming," Addison-Wesley, XP002299483, Chapter 7.8, paragraph 1 – paragraph 4				
		Luo, J., et al., June 5, 2000, "A class of coordinate descent methods for multiuser detection," Proceedings ICASSP, IEEE Int'l Conf on Acoustics, Speech and Signal Processing, XP010506602, 5:2853-2856				
		Polak, E., 1971, "Computational Methods in Optimization – A Unified Approach," Academic Press, New York, XP002299482, page 42, line 25 – page 43, line 19				
		Tan, P.H. et al., 2000, "Linear interference cancellation in CDMA based on iterative techniques for linear equation systems," IEEE Transactions on Communications IEEE, USA, XP002299480, 48(12):2099-2108				
		Zakharov, Y.V. et al., Apr. 29, 2004, "Multiplication-free iterative algorithm for LS problem," Electronics Letters, XP002299481, 40(9):567-568				

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	